

**Conservation Measures for three species of "m" which may be affected by CALFED projects.**  
Prepared by Gordon Gould, California Department of Fish and Game, February 1, 1999.

**Riparian Species: Ringtail**

**Conservation Measures:**

1. Preserve and protect existing populations and developed riparian forest habitat.
2. Survey or use existing information to determine if evaluation species is present and habitat will be affected by changes in water management:
  - a. Acquire and protect existing habitat.
  - b. Restore habitat
  - c. Avoid critical habitat areas
  - d. Conduct proper management to achieve goals.
3. Focus management in areas where well-developed riparian forest now exists and in areas of backwaters and oxbows.
4. Manage restored or enhanced habitats under the ERP to maintain older, structurally diverse riparian forest.

**Riparian Species: Osprey**

**Conservation Measures:**

1. Preserve and protect existing populations and developed riparian forest habitat.
2. Survey or use existing information to determine if evaluation species is present and habitat will be affected by changes in water management:
  - a. Acquire and protect existing habitat.
  - b. Restore habitat
  - c. Avoid critical habitat areas
  - d. Conduct proper management to achieve goals.
3. Focus management to develop large-tree component in to provide nesting habitat.
4. Consider the feeding ecology of ospreys and prey abundance and availability whenever designing projects which will modify stream/river channel contours.

**Montane Woodland and Forest Species: Northern Spotted Owl**

**Conservation Measures:**

1. Preserve and protect existing populations and maintain forest habitat with high canopy closure and greater amounts of vertical structural diversity.
2. Survey or use existing information to determine if evaluation species is present and habitat will be affected by changes in water management:
  - a. Acquire and protect existing habitat.
  - b. Restore habitat
  - c. Avoid critical habitat areas
  - d. Conduct proper management to achieve goals.
3. Focus management to develop and maintain large-tree component and high canopy closure.